Ambeed, Inc.
SAFETY DATA SHEET (A569212)



# 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

1.1	Product identifiers Product Name: CAS Number: Catalog Numbers:	4-Ethylbenzenethi 4946-13-8 A569212	ol		
1.2	Relevant identified us Identified uses:		e or mixture and uses advis earch purposes.Not for drug	0	
1.3	Details of the supplie Ambeed, Inc.				
	3205 N WILKE RD, 3 Tel: 630-580-1088	E-mail: sales@ar	ington Hts, IL 60004, USA mbeed.com		-f
1.4	Emergency telephone Emergency phone (U Emergency phone (C	JSA): 1-352-323-38		PJAmB	6
2.	HAZARDS IDENT	IFICATION	Beeu		
2.1		n accordance with 2	29 CFR 1910 (OSHA HCS)		
	Acute toxicity, oral , a inhalation(Category 3	-	al and acute toxicity,	H301+H311+H331	
	Skin corrosion/irritation	,	egory 2A)	H315 H319	
	No Resource File				
2.2	GHS Label elements	, including precauti	ionary statements		
	Pictogra				
	Signal word:		Danger		
	Hazard statement(s)				
	H301+H311+H331 H315		Toxic if swallowed, in contac Causes skin irritation	ct with skin or if inhaled	
	H319		Causes serious eye irritatio	n	
	Precautionary statem	nent(s)			
	P261		Avoid breathing dust/fume/	gas/mist/vapours/spray.	
	P264		Wash hands thoroughly after	er handling.	
	P270		Do not eat, drink or smoke	when using this product.	
	P271		Use only outdoors or in a w	ell-ventilated area.	
	P280		Wear protective gloves/pro	tective clothing/eye protec	tion/face
	D204 - D240 - D220		protection.		
	P301+P310+P330		IF SWALLOWED: Immedia doctor/physician. Rinse mo	•	EROF
	P302+P352+P312		IF ON SKIN: Wash with ple		l a POISON
			CENTER or doctor/physicia	an if you feel unwell.	
Pro	duct Url: www.ambeed.co	om/products/4946-13	3-8.html		For Research Use Only !

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P304+P340+P311		IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician.
P305+P351+P338		IF IN EYES: Rinse cautiously with water for several minutes. Remove
		contact lenses, if present and easy to do. Continue rinsing.
P332+P313		If skin irritation occurs: Get medical advice/attention.
P337+P313	PUP	If eye irritation persists: Get medical advice/attention.
P361+P364		Take off immediately all contaminated clothing and wash it before
		reuse.
P403+P233		Store in a well-ventilated place. Keep container tightly closed.
P405		Store locked up.
P501		Dispose of contents/container to in accordance with local regulation

#### 2.3 Other hazards

Additional precautionary phrases are located throughout the safety data sheet.

# 3. COMPOSITION, INFORMATION ON INGREDIENTS

3.1 Molecular Formula: Molecular Weight:

C8	3H10S
13	8.23

Component		Concentration
4-Ethylbenzenethiol		
CAS Number	4946-13-8	-

#### 4. FIRST AID MEASURES

#### 4.1 Description of first aid measures

#### General advice

Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area.

#### If inhaled

If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

#### In case of skin contact

Take off contaminated clothing and shoes immediately. Wash off with soap and plenty of water. Take victim immediately to hospital. Consult a physician.

#### In case of eye contact

Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician. Continue rinsing eyes during transport to hospital.

#### If swallowed

Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

#### 4.2 Most important symptoms and effects, both acute and delayed

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The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11

#### 4.3 Indication of any immediate medical attention and special treatment needed

No data available

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# 5. FIRE FIGHTING MEASURES

### 5.1 Extinguishing media

Suitable extinguishing media: alcohol-resistant foam, dry chemical or carbon dioxide Unsuitable extinguishing media: no data

5.2 Special hazards arising from the substance or mixture In combustion toxic fumes may form.

#### 5.3 Advice for firefighters

Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

## 6. ACCIDENTAL RELEASE MEASURES

#### 6.1 Personal precautions, protective equipment and emergency procedures

Wear respiratory protection. Avoid dust formation. Avoid breathing vapours, mist or gas.Ensure adequate ventilation. Evacuate personnel to safe areas. Avoid breathing dust.Do not attempt to take action without suitable protective clothing.For personal protection see section 8.

#### 6.2 Environmental precautions

Prevent further leakage or spillage if safe to do so. Do not let product enter drains or river. Alert the neighbourhood to the presence of fumes or gas.

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#### 6.3 Methods and materials for containment and cleaning up

Mix with sand or vermiculite. Sweep up and shovel. Transfer to a closable, labelled salvage container for disposal by an appropriate method.

#### 6.4 Reference to other sections

For disposal see section 13.

#### 7. HANDLING AND STORAGE

#### 7.1 Precautions for safe handling

Avoid contact with skin and eyes. Avoid formation of dust and aerosols. Wash hands thoroughly after handling. Ensure there is sufficient ventilation of the area.

Normal measures for preventive fire protection. For precautions see section 2.2.

#### 7.2 Conditions for safe storage, including any incompatibilities

Keep container tightly closed in a dry and well-ventilated area. Containers which are opened must be carefully resealed and kept upright to prevent leakage.Inert atmosphere,Room Temperature

#### 7.3 Specific end use(s)

The end use(s) have not been fully determined. The substance is supplied for Research and Development purposes by professionals only.

## 8. EXPOSURE CONTROLS, PERSONAL PROTECTION

#### 8.1 Control parameters

# Components with workplace control parameters

Contains no substances with occupational exposure limit values.

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## 8.2 Exposure controls

#### Appropriate engineering controls

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Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

#### Personal protective equipment

#### Eye/face protection

Face shield and safety glasses Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

#### Skin protection

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product.

Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

#### **Body Protection**

Complete suit protecting against chemicals, The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

#### Respiratory protection

Where risk assessment shows air-purifying respirators are appropriate use a full-face particle respirator type N100 (US) or type P3 (EN 143) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

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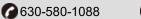
#### Control of environmental exposure

Do not let product enter drains.

#### PHYSICAL AND CHEMICAL PROPERTIES 9.

•.		· · · · · · · · · · · · · · · · · · ·
	Appearance	Colorless to Slightly pale yellow Liquid
	Boiling Point	No data available
	Melting Point	No data available
	Odour	No data available
	Odour Threshold	No data available
	рН	No data available
	Flash point	No data available
	Evapouration rate	No data available
	Vapour pressure	No data available
	Vapor Density	No data available
	Relative density	No data available
	Solubility in water	No data available
	Auto-ignition temperature	No data available
	Decomposition temperature	No data available
	Viscosity No Data	No data available
	Explosive properties	No data available
	Oxidizing properties	No data available
10.	STABILITY AND REACTIVITY	
10.1	Reactivity	ad
	No data available	- Inte

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# 10.2 Chemical stability Stable under recommended storage conditions.

- 10.3 Possibility of hazardous reactions No data available
- 10.4 Conditions to avoid Not data available

# 10.5 Incompatible materials

Oxidizing agents

# 10.6 Hazardous decomposition products

Carbon monoxide, carbon dioxide, oxides of sulfur

# 11. TOXICOLOGICAL INFORMATION

## 11.1 Information on toxicological effects

Acute Toxicity Skin corrosion/irritation Serious eye Damage/irritation Respiratory or skin sensitisation Germ Cell mutagenicity Carcinogenicity Reproductive toxicity STOT-single exposure STOT-repeated exposure Aspiration hazard

AmBeed No data available No data available

## 11.2 Additional

To the best of our knowledge the acute and chronic toxicity of this substance is not fully known. No classification data on carcinogenic properties of this material is available from the EPA, IARC, NTP, OSHA or ACGIH

# 12. ECOLOGICAL INFORMATION

- 12.1 Toxicity 🏸 No data available
- 12.2 Persistence and degradability No data available AmBeed
- 12.3 Bioaccumulative potential No data available
- 12.4 Mobility in soil No data available

# 12.5 Results of PBT and vPvB assessment

No data available

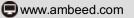
12.6 Other adverse effects No data available

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13.	DISPOSAL CONSIDERATION	S AMBRE	
13.1	Waste treatment methods Disposal Operations Consult state, local or national regul hazardous waste. Disposal of Packaging Disposal must be made according	ations for proper disposal. Hand ove	r to authorised disposal company as
4.	TRANSPORT INFORMATION		
14.1	UN number ADR/RID: 2810	IMDG: 2810	IATA: 2810
14.2	UN proper shipping name ADR/RID: Toxic liquid, organic, n.o. IMDG: Toxic liquid, organic, n.o.s. IATA: Toxic liquid, organic, n.o.s.	s.	
14.3	Transport hazard class(es) ADR/RID: 6.1	IMDG: 6.1	IATA: 6.1
14.4	Packaging group ADR/RID: III	IMDG: III	IATA: III
14.5	Environmental hazards ADR/RID: -	IMDG: -	IATA: -
14.6	Special precautions for user No special precautions required	MDG: -	
14.7	Further information No data available		
15.	REGULATORY INFORMATIO	N	
	Safety, health and environmental an Product is not subject to any addition California Proposition 65 Not listed on California's listing of k U.S. Federal Regulations SARA 313: Not applicable SARA 302: Not applicable SARA 311/312 Hazard Categories Safety Assessment No Chemical Safety Assessment	nal regulations or provisions	
16.	OTHER INFORMATION The reference company name of wr Company: Ambeed, Inc.		
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This SDS was prepared sincerely on the basis of the information we could obtained, however, any warranty shall not be given regarding the data contained and the assessment of hazards and toxicity. Prior to use, please investigate not only the hazards and toxicity information but also the laws and regulations of the organization, area and country where the products are to be used, which shall be given the first priority. products are supposed to be used promptly after purchase in consideration of safety. Some new information or amendments may be added afterwards. If the products are to be used far behind the expected time of use or you have any questions, please feel free to contact us. The stated cautions are for normal handling only. In case of special handling, sufficient care should be taken, in addition to the safety measures suitable for the situation. All chemical products should be treated with the recognition of "having unknown hazards and toxicity", which differ greatly depending on the conditions and handling when in use and/or the conditions and duration of storage. The products must be handled only by those who are familiar with specialized knowledge and have experience or under the guidance of those specialists throughout use from opening to storage and disposal. Safe usage conditions shall be set up on each user's own responsibility.

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